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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By

Juliana Hermes
Juliana Hermes

Attorney Docket No. 02-107010US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Linda A. Castle, et al.

Examiner: Unassigned

Application No.: 10/004,357

Art Unit: 1645

Filed: October 29, 2001

PRELIMINARY AMENDMENT

For: NOVEL GLYPHOSATE N-ACETYL
TRANSFERASE (GAT) GENES

Assistant Commissioner for Patents
Washington, D.C. 20231

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Sir:

Applicants respectfully request that the following Preliminary Amendment be considered prior to examination of the above-cited application.

AMENDMENT

Please amend the specification as follows:

IN THE SPECIFICATION

Please insert the following paragraph on page 147, line 1, immediately following the claims:

ABSTRACT OF THE DISCLOSURE

— Novel proteins are provided herein, including proteins capable of catalyzing the acetylation of glyphosate and other structurally related proteins. Also provided are novel polynucleotides capable of encoding these proteins, compositions that include one or more of these novel proteins and/or polynucleotides, recombinant cells and transgenic plants comprising these novel compounds, diversification methods involving the novel compounds, and methods of using the compounds. Some of the novel methods and compounds provided herein can be used to render an organism, such as a plant, resistant to glyphosate.